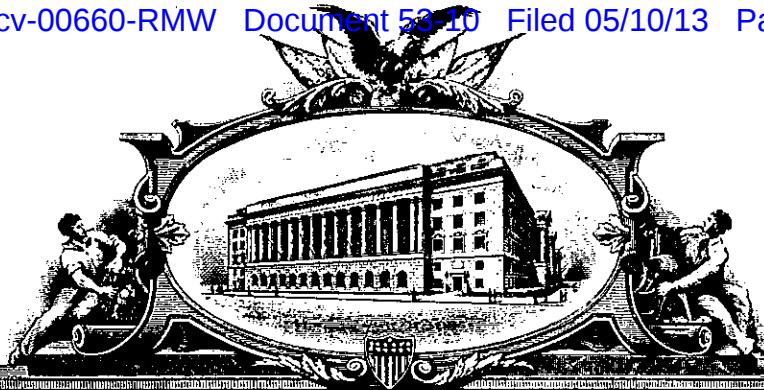


EXHIBIT 4



A 1879296

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

April 12, 2012

THIS IS TO CERTIFY THAT ANNEXED IS A TRUE COPY FROM THE
RECORDS OF THIS OFFICE OF A DOCUMENT RECORDED ON
February 13, 2010.

By Authority of the
Under Secretary of Commerce for Intellectual Property
and Director of the United States Patent and Trademark Office

R. PONDEXTER
Certifying Officer



PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
NXP	02/07/2010
RECEIVING PARTY DATA	
Name:	NXP Holding 1 B.V.
Street Address:	High Tech Campus 60
City:	5656 AG Eindhoven
State/Country:	NETHERLANDS
PROPERTY NUMBERS Total: 365	
Property Type	Number
Application Number:	11916192
Application Number:	11912007
Application Number:	11915401
Application Number:	11915489
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Application Number:	12092129
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Application Number:	12063060

OP \$14600.00 11916192

501092479

PATENT
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PATENT
REEL: 023928 FRAME: 0499

CORRESPONDENCE DATA

Fax Number: (650)833-2001
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
 Phone: 6508332052
 Email: susan.pingue@dlapiper.com
 Correspondent Name: David L. Alberti
 Address Line 1: DLA Piper LLP US
 Address Line 2: 2000 University Avenue
 Address Line 4: East Palo Alto, CALIFORNIA 94303

ATTORNEY DOCKET NUMBER:	348162-990000
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NAME OF SUBMITTER:	David L. Alberti
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Total Attachments: 50

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PATENT
REEL: 023928 FRAME: 0501

PATENT ASSIGNMENT

This PATENT ASSIGNMENT ("Assignment") dated as of February 7, 2010 (the "Effective Date"), is made by and between NXP, a Dutch *besloten vennootschap* with an office at High Tech Campus 60, 5656 AG Eindhoven, The Netherlands ("Assignor") and NXP Holding 1 B.V., a Dutch *besloten vennootschap*, with an office at High Tech Campus 60, 5656 AG Eindhoven, The Netherlands ("Assignee").

WHEREAS, Assignor owns all right, title and interest in and to each issued patent and each pending patent application identified on Schedule 1 (collectively, the "Patents");

WHEREAS, Assignor and Assignee have entered into that certain Intellectual Property Transfer and License Agreement, dated as of February 7, 2010 (the "IP Agreement"), by and between Assignor and Assignee; and

WHEREAS, Assignor desires to sell, assign and transfer, and Assignee desires to receive, the Patents.

NOW, THEREFORE, for good and valuable consideration, including the premises and covenants set forth in the IP Agreement, the receipt and sufficiency of which are hereby acknowledged, the parties agree as follows:

Assignor hereby irrevocably sells, conveys, assigns and transfers to Assignee and its successors and assigns forever, without any restrictions, limitations or reservations all of Assignor's right, title and interest in and to the Patents, including without limitation, (i) any and all rights of priority and any foreign patents issuing thereon, (ii) all extensions, divisions, reissues, renewals and continuations thereof, (iii) all income, royalties or payments now or hereafter due or payable with respect to the Patents, (iv) all past, present and future claims, counterclaims, credits, causes of action, choses in action, rights of recovery and rights of setoff against third persons for infringement or other unauthorized violation of the Patents, together with the right at law or in equity to sue for and collect any resulting recovery of damages, lost profits, legal fees and costs, and (v) any and all rights corresponding thereto throughout the world (all collectively, the "Assigned Rights"), and Assignee does hereby accept assignment of the Assigned Rights from Assignor.

Assignee, its successors and assigns shall hold the rights to the Assigned Rights as fully and entirely as the same would have been held and enjoyed by Assignor had this Assignment not been made.

The internal law, without regard for conflicts of laws principles, of the State of New York shall govern the validity of this Assignment, the construction of its terms, and the interpretation and enforcement of the rights and duties of the parties hereto.

This Assignment may be executed in any number of counterparts, each of which shall be deemed to be an original, and all of which together shall constitute one and the same instrument.

IN WITNESS WHEREOF, this Agreement has been signed on behalf of each of the parties hereto as of the date first written above.

NXP B.V.

By: 

Name: Guido Dierckx

Title: Authorized Signatory

[Notary Seal for Assignor]

Signature Page for Patent Assignment

PATENT

REEL: 023928 FRAME: 0503



NOTARIZATION

The undersigned:

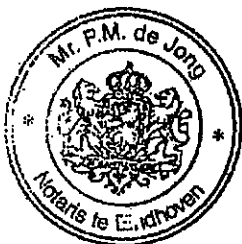
Petra Maria de Jong, civil-law notary in Eindhoven, the Netherlands,

declares:

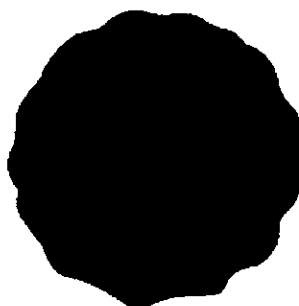
The signature on the attached document is the original signature of Mr. Guido Rudolf Clemens Dierick, bearer of a Dutch passport with number NNFD11C62, valid until the 6th day of July 2014.

This statement explicitly contains no judgement as to the contents of the Agreement referred to in the attached document nor regarding the authority of Mr. Dierick to represent NXP B.V.

Signed in Eindhoven, the Netherlands, on February 4, 2010.



P.M. de Jong



In the Netherlands, the practice is conducted by AKD Prinsen Van Wijnen N.V. (registered in the Trade Register of the Chamber of Commerce, number 24366820). The general conditions of AKD Prinsen Van Wijnen N.V. are applicable and contain a limitation of liability clause. The applicability of any other general terms and conditions is hereby expressly excluded. The general conditions have been deposited at the Rotterdam District Court. Every liability is restricted to the sum paid in the case concerned under the (professional) liability insurance including the amount of the policy excess.
On request the general conditions will be sent without charges. They are also available on www.akd.nl.
AKD: #2212049v5

PATENT
REEL: 023928 FRAME: 0504

NXP HOLDING I B.V.

By: 

Name: Guido Dierckx Jean Schreurs

Title: Authorized Signatories

[Notary Seal for Assignee]

Signature Page for Patent Assignment

PATENT

REEL: 023928 FRAME: 0505



NOTARIZATION

The undersigned:

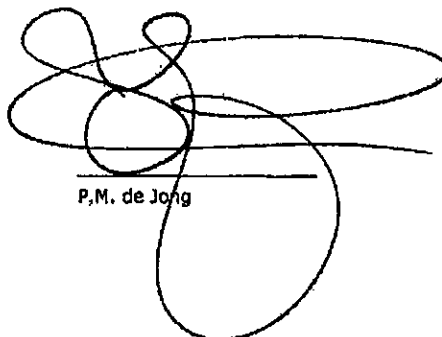
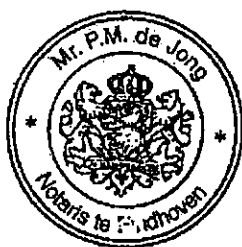
Petra Maria de Jong, civil-law notary in Eindhoven, the Netherlands,

declares:

The signatures on the attached document are the original signatures of Mr. Johannes Anetta Wilhelmus Schreurs, holder of a Dutch passport with number NPP7F8CB0, valid until the 14th day of May 2012 and Mr. Guido Rudolf Clemens Dierick, holder of a Dutch passport with number NNFD11C62, valid until the 6th day of July 2014.

This statement explicitly contains no judgement as to the contents of the Patent Assignment referred to in the attached document nor regarding the authority of Mr. J.A.W. Schreurs and/or Mr. Dierick to represent NXP Holding 1 B.V.

Signed in Eindhoven, the Netherlands, on February 4, 2010.



P.M. de Jong



In the Netherlands, the practice is conducted by AKD Prinsen Van Wijnen N.V. (registered in the Trade Register of the Chamber of Commerce, number 24366820). The general conditions of AKD Prinsen Van Wijnen N.V. are applicable and contain a limitation of liability clause. The applicability of any other general terms and conditions is hereby expressly excluded. The general conditions have been deposited at the Rotterdam District Court. Every liability is restricted to the sum paid in the case concerned under the (professional) liability insurance including the amount of the policy excess.
On request the general conditions will be sent without charges. They are also available on www.akd.nl.
AKD:#2612233v3

PATENT
REEL: 023928 FRAME: 0506

Schedule 1: Patents and Patent Applications (REDACTED COPY)

File Date	Region	Appt#	Part#
2006-05-30	US	11/916192	
2006-04-14	US	11/912007	
2006-05-08	US	11/915401	
2006-04-13	US	11/911864	7570110
2006-05-19	US	11/915489	
2006-07-13	US	11/995601	

1-5

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REEL: 023928 FRAME: 0507

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2006-08-07	US	12/063855	
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2006-08-10	US	12/063854	
2006-09-29	US	12/089247	
2006-09-13	US	12/067080	
2006-12-08	US	12/097638	
2006-10-20	US	12/090736	
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2006-10-27	US	12/092129	
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5-3

PATENT

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	2008-05-05	US	12/598040	
	2008-04-24	US	12/598017	
	2008-04-03	US	12/594294	
	2008-09-04	US	61/094322	
	2008-06-02	US	61/057925	
	2009-04-14	US	12/423199	

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REEL: 023928 FRAME: 0511

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		2001-02-14	US	09/788171	6769093	
		2004-07-15	US	10/893673	7065703	
		2001-12-13	US	10/013492	6865711	
		2001-12-13	US	10/013490	6973615	

PATENT
REEL: 023928 FRAME: 0515

Filed Date	Region	AppNo.	Punty
2001-03-22	US	09/815149	6922438
2001-05-30	US	09/870926	7310369
2002-06-12	US	10/170165	7206361
2007-03-12	US	11/685196	
2001-06-26	US	09/892069	7016376
2003-10-01	US	10/677110	7549156
2002-10-29	US	10/284121	7415075
2004-12-16	US	11/013963	
2003-09-30	US	10/675566	
2003-06-30	US	10/611400	7564892
2004-06-14	US	10/867355	
2000-06-05	US	09/588266	6724817
2000-12-13	US	09/736891	6785700
2005-07-29	US	11/194085	7301379
2005-07-28	US	11/194107	
2008-12-19	US	12/339249	
2008-12-31	US	12/346906	
2008-12-31	US	12/346936	
2008-12-31	US	12/347841	
2008-12-31	US	12/346910	
2008-12-31	US	12/346912	

S-10

PATENT
REEL: 023928 FRAME: 0516

PATENT
REEL: 023928 FRAME: 0519

PATENT
REEL: 023928 FRAME: 0521

Event Date	Region	Applicant	Event
1996-02-12	US	08/599842	5754252
1996-07-08	US	08/677002	5802238
1996-07-11	US	08/678216	5953480
1997-02-10	US	08/798345	5933198
1997-04-07	US	08/838489	6359655
1997-04-07	US	08/838488	6044114
1997-04-17	US	08/841913	6133949
1998-02-25	US	09/030485	6008693
1998-06-01	US	09/088723	6266096

PATENT
REEL: 023928 FRAME: 0522

S-16

PATENT
REEL: 023928 FRAME: 0523

PATENT
REEL: 023928 FRAME: 0524

Serial Date	Region	Appl. No.	Pat. No.
2003-09-09	US	11/080776	
2003-09-09	US	10/916983	7379072
2007-03-22	US	11/698071	
2003-10-17	US	11/098743	7257499
2004-02-27	US	10/548742	7355917
2004-03-05	US	10/548743	
2004-04-22	US	10/54530	

PATENT
REEL: 023928 FRAME: 0525

[illegible]

PATENT
REEL: 023928 FRAME: 0527

[illegible]

PATENT
REEL: 023928 FRAME: 0528

[illegible]

PATENT
REEL: 023928 FRAME: 0529

S-23

[illegible]

PATENT
REEL: 023928 FRAME: 0530

[illegible]

PATENT
REEL: 023928 FRAME: 0531

[illegible]

PATENT
REEL: 023928 FRAME: 0532

PATENT
REEL: 023928 FRAME: 0533

PATENT
REEL: 023928 FRAME: 0534

	Ptoid Date	Negoon	Aptntf	Fatnr	
	1997-01-23	US	08/788734	5892337	
	1997-02-03	US	08/792045	6064434	
	1997-09-05	US	08/924866	6411341	
	1997-09-30	US	08/941642	5969487	
	1997-05-27	US	08/863700	6278736	
	1998-02-19	US	09/026449	5994958	
	1998-03-05	US	09/035431	6774883	

PATENT
REEL: 023928 FRAME: 0536

PATENT
REEL: 023928 FRAME: 0537

PATENT
REEL: 023928 FRAME: 0538

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PATENT
REEL: 023928 FRAME: 0539

S-33

PATENT
REEL: 023928 FRAME: 0541

PATENT
REEL: 023928 FRAME: 0542

PATENT
REEL: 023928 FRAME: 0543

File Date	Region	Agency	POV
2004-07-14	US	10/565816	
2004-08-23	US	10/569681	7336031
2004-08-31	US	10/571808	
2004-10-19	US	10/577105	
2004-12-03	US	10/581222	
2004-12-21	US	10/584501	
2005-01-20	US	10/587604	
2005-02-09	US	10/590249	

PATENT
REEL: 023928 FRAME: 0544

[illegible]

5-39

[illegible]

PATENT
REEL: 023928 FRAME: 0546

S-41

PATENT
REEL: 023928 FRAME: 0549

[illegible]

S-44

PATENT
REEL: 023928 FRAME: 0550

RECORDED: 02/13/2010

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